

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	257	239/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:45
L2	672	239/284.1-284.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:45
L3	228	239/464.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:45
L4	1059	239/562.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:45
L5	750	239/552.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:45
L6	575	239/524.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46
L7	443	239/521.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46
L8	321	239/518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46
L9	541	239/463	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46
L10	195	239/284.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46

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L11	297	239/284.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/25 15:46
S1	267	239/284.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:31
S2	174	239/284.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:08
S3	421	239/443	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:30
S4	290	S1 or S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:08
S5	2	S4 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:10
S6	496	239/463	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:10
S7	1	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:11
S8	467	239/518	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:07
S9	245	239/521	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:08

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S10	465	239/524	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:08
S11	495	239/552	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:09
S12	679	239/562	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:09
S13	206	239/464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:10
S14	3	S4 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:12
S15	1	S4 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:13
S16	2	S4 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:14
S17	5	S4 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:15
S18	1	S4 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:15
S19	0	S4 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:15

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S20	290	S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 08:16
S21	1	239/284.1-284.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:10
S22	650	239/284.1-284.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:20
S23	213	S22 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:03
S24	2	S22 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:03
S25	175	S3 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:37
S26	2470	nozzle adj insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:37
S27	6	S26 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:44
S28	14952	cylindrical adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:45
S29	31433	pressure adj controlled	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:45

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S30	328	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:47
S31	120	S28 and S29 and slide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 09:47
S32	672	239/569	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:15
S33	650	239/284.1-284.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:20
S34	2	S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:22
S35	600	239/570	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:22
S36	11	S35 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:25
S37	368	239/551	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:25
S38	1	S37 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 11:25
S39	3	137/115.3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:16
S40	3	("4768716" "5012977").PN. OR ("6402052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:15

EAST Search History

S41	0	137/115.3-115.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:16
S42	0	137/115.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:18
S43	0	137/115.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:19
S44	0	137/115.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:18
S45	0	137/115.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:19
S46	30	(US-20020005440-\$ or US-20030234303-\$ or US-20040188541-\$ or US-20040251315-\$ or US-20050028849-\$ or US-20050121539-\$).did. or (US-2153519-\$ or US-2684632-\$ or US-2688514-\$ or US-2701897-\$ or US-3601319-\$ or US-3633827-\$ or US-4230276-\$ or US-4645126-\$ or US-4700424-\$ or US-4721251-\$ or US-5605286-\$ or US-5749525-\$ or US-5906317-\$ or US-5934565-\$ or US-6082636-\$ or US-6113006-\$ or US-6354515-\$ or US-6402052-\$ or US-6508414-\$ or US-6554210-\$ or US-6752329-\$ or US-6789747-\$).did. or (US-2950061-\$).did. or (GB-2073011-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/16 12:20
S47	6	S46 and plastic	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/16 12:26
S48	1	"60390294"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/16 12:26
S49	650	239/284.1-284.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 13:10

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S50	159	S49 and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 12:34
S51	0	("2004/0251315").URPN.	USPAT	OR	ON	2005/08/16 12:42
S52	0	("2004/0188541").URPN.	USPAT	OR	ON	2005/08/16 12:42
S53	7	("2990980" "6050503" "6247652" "6296198" "6554210" "6626377").PN. OR ("6789747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:43
S54	3	("4955543" "5605286" "5762271").PN. OR ("6752329").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:43
S55	0	("2003/0234303").URPN.	USPAT	OR	ON	2005/08/16 12:44
S56	28	("1752923" "3114168" "3448481" "3453049" "3456278" "3493804" "3641613" "3893203" "3915385" "4026468" "4026473" "4230276" "4323266" "4324363" "4354548" "4815634" "4817648" "5083339" "5546630" "5657929" "6199773").PN. OR ("6554210").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:45
S57	7	("3625437" "4076174" "4322037" "5711488" "5738282").PN. OR ("6152384").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:48
S58	17	("2793912" "3008649" "3192090" "3286931" "3433416" "5163619" "5173986" "5239726" "5349717" "5433382").PN. OR ("6113006").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 12:49
S59	7	("3008649" "3173613" "5975431").PN. OR ("6082636").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 13:07
S60	4	"6062491"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 13:09
S61	10	"5975431"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 13:09
S62	2	S49 and breakaway	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 13:12
S63	5	"6354515"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 13:12

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S64	6	"6082636"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/16 13:12
S65	0	("2003/0234303").URPN.	USPAT	OR	ON	2005/08/18 10:11
S66	247	239/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:40
S67	268	239/284.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:32
S68	174	239/284.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:32
S69	0	S66 and (S67 or S68)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:32
S70	231	239/589.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:34
S71	14	S70 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:34
S72	6	S70 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:34
S73	22838	nozzle same insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:50
S74	18	S73 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:41

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S75	8	S73 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:42
S76	28	S73 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:42
S77	2471	nozzle adj insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:50
S78	9	S77 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:51
S79	1	S77 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:51
S80	5	S77 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 13:51
S81	281	239/284.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:06
S82	181	239/284.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:06
S83	519	239/463	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:07
S84	315	239/518.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:07

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S85	437	239/521.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:08
S86	573	239/524.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:08
S87	739	239/552.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:09
S88	1056	239/562.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:09
S89	227	239/464.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:10
S90	659	239/284.1-284.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:11
S91	251	239/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:12